

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 502  | delet\$6 same (structure or relational) same (metadata or (meta adj data) or schema) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/08/08 13:36 |
| L2    | 78   | 1 and class and encapsulat\$7  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/08/08 13:49 |
| L3    | 29   | 2 and database adj server  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/08/08 13:42 |
| L4    | 4    | 2 and relational adj database adj server   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/08/08 13:42 |
| L5    | 11   | 1 and relational adj database adj server   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/08/08 13:47 |
| L6    | 4    | 5 and class and encapsulat\$7  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/08/08 13:45 |
| L7    | 4    | 6 and delet\$6 and object  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/08/08 13:47 |
| L8    | 186  | 1 and delet\$6 with object   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/08/08 13:48 |
| L9    | 1    | 8 and relational adj database adj server   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/08/08 13:48 |

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|-----|-----|--|---|----|----|------------------|
| L10 | 1   | 9 and delet\$6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/08 13:49 |
| L11 | 126 | 8 and ((relational adj database adj server) or (relational adj database) or (database adj server)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/08 13:49 |
| L12 | 126 | 11 and delet\$6  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/08 13:49 |
| L13 | 42  | 12 and class and encapsulat\$7   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/08 13:54 |
| L14 | 51  | 1 and class same delet\$6 same relational  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/08 13:55 |
| L15 | 16  | 1 and class same delet\$6 same relational same objects!  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/08 13:56 |

| Ref # | Hits  | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|---|------------------|---------|------------------|
| L1    | 23309 | integrity near4 (data or database or (data adj (base or source))) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/08/08 11:51 |
| L2    | 2945  | 1 and encapsulat\$6   | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/08/08 11:20 |
| L3    | 2     | 2 and (delet\$6 near6 (object adj data)) with relational          | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/08/08 11:52 |
| L4    | 32    | 1 and delet\$6 near6 (relational adj database)                    | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/08/08 11:38 |
| L5    | 9     | 4 and encapsulat\$6   | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/08/08 12:11 |
| L6    | 6     | 5 and (metadata or (meta adj (data or information)) or schema)    | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/08/08 11:43 |
| L7    | 6     | 6 and class   | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/08/08 11:43 |
| L8    | 286   | 2 and class with delet\$5   | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/08/08 11:43 |
| L9    | 231   | 2 and class near6 delet\$5  | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/08/08 11:43 |

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|-----|-----|---|---|----|----|------------------|
| L10 | 200 | 9 and (metadata or (meta adj (data or information)) or schema)                    | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 11:52 |
| L11 | 4   | 10 and delet\$6 near9 relational  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 11:44 |
| L12 | 88  | 9 and (metadata or (meta adj (data or information)))                              | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 11:44 |
| L13 | 1   | 10 and delet\$6 same (object adj relational)                                      | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 12:02 |
| L14 | 27  | 1 and delet\$6.ti.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 11:47 |
| L15 | 19  | 14 and delet\$6.ab.   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 11:48 |
| L16 | 19  | 15 and delet\$6   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 11:51 |
| L17 | 0   | 16 and delet\$6 same relational   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 11:48 |
| L18 | 0   | 16 and relational   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 11:49 |
| L19 | 779 | (integrity near4 (data or database or (data adj (base or source)))) same delet\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 11:52 |

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|-----|-----|---|---|----|----|------------------|
| L20 | 0   | 19 and (delet\$6 near6 (object adj data)) with relational                 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 11:52 |
| L21 | 75  | 19 and (metadata or (meta adj (data or information))) SAME DELET\$6       | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 12:09 |
| L22 | 166 | cascade adj3 delet\$6   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 12:08 |
| L23 | 1   | 22 and delet\$6 same (object adj relational)                              | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 12:04 |
| L24 | 5   | 22 and delet\$6 and (object adj relational) and (relational adj database) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 12:08 |
| L25 | 5   | 22 and null\$8 adj3 delet\$6  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 12:08 |
| L26 | 1   | 22 and nullify adj3 delet\$6  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 12:08 |
| L27 | 582 | (cascade adj3 delet\$6) or (null\$8 adj3 delet\$6)                        | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 12:08 |
| L28 | 28  | 27 and delet\$6 and (object adj relational) and (relational adj database) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 12:08 |
| L29 | 19  | 28 and class  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 12:09 |

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|-----|--------|---|---|----|----|------------------|
| L30 | 9      | 29 and (metadata or (meta adj (data or information))) SAME DELET\$6           | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 12:11 |
| L31 | 10     | 29 and (metadata or schema or (meta adj (data or information))) SAME DELET\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 12:11 |
| L32 | 224975 | 31 and encapsulat\$6  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 12:11 |
| L33 | 8      | 31 and encapsulat\$6  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 12:11 |

| Ref # | Hits  | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|---|------------------|---------|------------------|
| L1    | 23309 | integrity near4 (data or database or (data adj (base or source))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/08/08 11:51 |
| L2    | 2945  | 1 and encapsulat\$6   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/08/08 11:20 |
| L3    | 2     | 2 and (delet\$6 near6 (object adj data)) with relational          | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/08/08 11:52 |
| L4    | 32    | 1 and delet\$6 near6 (relational adj database)                    | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/08/08 11:38 |
| L5    | 9     | 4 and encapsulat\$6   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/08/08 11:40 |
| L6    | 6     | 5 and (metadata or (meta adj (data or information)) or schema)    | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/08/08 11:43 |
| L7    | 6     | 6 and class   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/08/08 11:43 |
| L8    | 286   | 2 and class with delet\$5   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/08/08 11:43 |
| L9    | 231   | 2 and class near6 delet\$5  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/08/08 11:43 |

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|-----|-----|---|---|----|----|------------------|
| L10 | 200 | 9 and (metadata or (meta adj (data or information)) or schema)                    | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 11:52 |
| L11 | 4   | 10 and delet\$6 near9 relational  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 11:44 |
| L12 | 88  | 9 and (metadata or (meta adj (data or information)))                              | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 11:44 |
| L13 | 1   | 10 and delet\$6 same (object adj relational)                                      | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 11:46 |
| L14 | 27  | 1 and delet\$6.ti.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 11:47 |
| L15 | 19  | 14 and delet\$6.ab.   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 11:48 |
| L16 | 19  | 15 and delet\$6   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 11:51 |
| L17 | 0   | 16 and delet\$6 same relational   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 11:48 |
| L18 | 0   | 16 and relational   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 11:49 |
| L19 | 779 | (integrity near4 (data or database or (data adj (base or source)))) same delet\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/08/08 11:52 |

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|-----|----|--|---|----|----|------------------|
| L20 | 0  | 19 and (delet\$6 near6 (object adj data)) with relational              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/08 11:52 |
| L21 | 75 | 19 and (metadata or (meta adj (data or information))) SAME<br>DELET\$6 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/08 11:53 |